

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

## Solving Systems of Equations with the Elimination Method Day 2

Use Elimination to solve each system. Check your solution for problems 1 – 4. ☺

$$\begin{array}{l} 1) \quad 2x + 5y = -5 \\ \quad \quad 2x - y = 1 \end{array}$$

$$\begin{array}{l} 2) \quad x - 2y = 8 \\ \quad \quad x + 4y = 2 \end{array}$$

Check your solution:

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$$\begin{array}{l} 3) \quad a + 4c = 1 \\ \quad \quad 2a + 7c = 3 \end{array}$$

$$\begin{array}{l} 4) \quad 3j + 5k = -13 \\ \quad \quad 3j + k = -5 \end{array}$$

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$$\begin{aligned} 5) \quad 3m - 2n &= 0 \\ 3m - 2n &= -4 \end{aligned}$$

$$\begin{aligned} 6) \quad d - 7e &= 10 \\ -6d + 4e &= -22 \end{aligned}$$

$$\begin{aligned} 7) \quad -3x - 2y &= 6 \\ -6x + 4y &= -12 \end{aligned}$$

$$\begin{aligned} 8) \quad -4x + 9y &= 9 \\ x - 3y &= -6 \end{aligned}$$

$$\begin{aligned} 9) \quad 3x - 10y &= -15 \\ -6x + 20y &= 30 \end{aligned}$$

$$\begin{aligned} 10) \quad -m - 7n &= 14 \\ -4m - 14n &= 28 \end{aligned}$$